



# Forest Insect & Disease Management

REPORT NO.  
79-3-40

## AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, ST. FRANCIS NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: **St. Francis National Forest**

STATE: **Arkansas**

AREA WITHIN SURVEY BOUNDARY: **29,608 Acres**

DATE: **September 11, 1979**

PERCENT COVERAGE: **50%**

AIRCRAFT: **Cessna 172**

CREW: **P. Miller, J. Wehry**

REPORT PREPARED BY: **J. Wehry**

### SURVEY OBJECTIVES

Detection of insect or disease activity within St. Francis National Forest.

### SURVEY RESULTS

Scattered throughout the forest were 16 single-tree spots of hardwoods with red or fading crowns. There were also 2 five-tree spots, 2 two-tree spots, and 1 three-tree spot of hardwoods with red or fading crowns (see attached map).

### CONCLUSIONS

Insect and disease activity is presently at a low level in the St. Francis National Forest. Since the single-tree spots were scattered in the forest, they probably do not indicate any serious insect or disease problem. Field surveillance by National Forest personnel should be continued, and any unusual problems should be reported to Forest Insect and Disease Management at one of the addresses below:

Forest Insect & Disease Management Unit - S&PF  
USFS - Southeastern Area

Northgate Office Park, Room 2103    or  
3620 Interstate 85, N. E.  
Doraville, GA 30340  
Telephone: (404) 221-4796

2500 Shreveport Highway  
Pineville, LA 71360  
Telephone: (318) 445-6511

**SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY  
USDA FOREST SERVICE, ATLANTA, GA 30309**